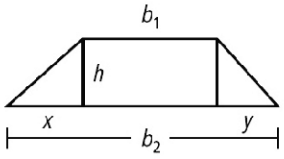
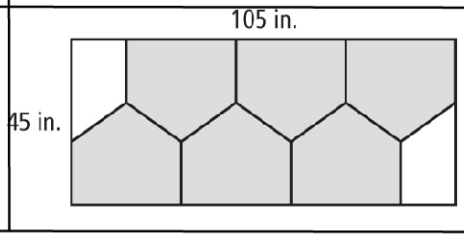
Question	Answer
9.	$A = 49.5 \text{ mm}^2$
10.	$A \approx 1114.2 \text{ yd}^2$
11.	$A \approx 2.3 \text{ m}^2$
12.	$A = 621 \text{ in}^2$
13.	7 qt
22.	 Let b_1 and b_2 be the bases of the trapezoid, h be the height of the trapezoid, triangles, and rectangle, and x and y be the bases of the triangles. Then $x + b_1 + y = b_2$. The area of the trapezoid is $A = \frac{1}{2}xh + b_1h + \frac{1}{2}yh$ $= \frac{1}{2}h(x + 2b_1 + y)$ $= \frac{1}{2}h(b_1 + x + b_1 + y)$ $= \frac{1}{2}h(b_1 + b_2)$
23a.	$A = 675 \text{ in}^2$
23b.	

Question	Answer
23c.	675 in^2
30.	Possible answer: I would use addition to find the area of a figure that could be divided into triangles, rectangles, trapezoids, and semicircles. I would use subtraction to find the area of a figure that has a shape removed from the interior.